



Regional Planning R-2508 Complex

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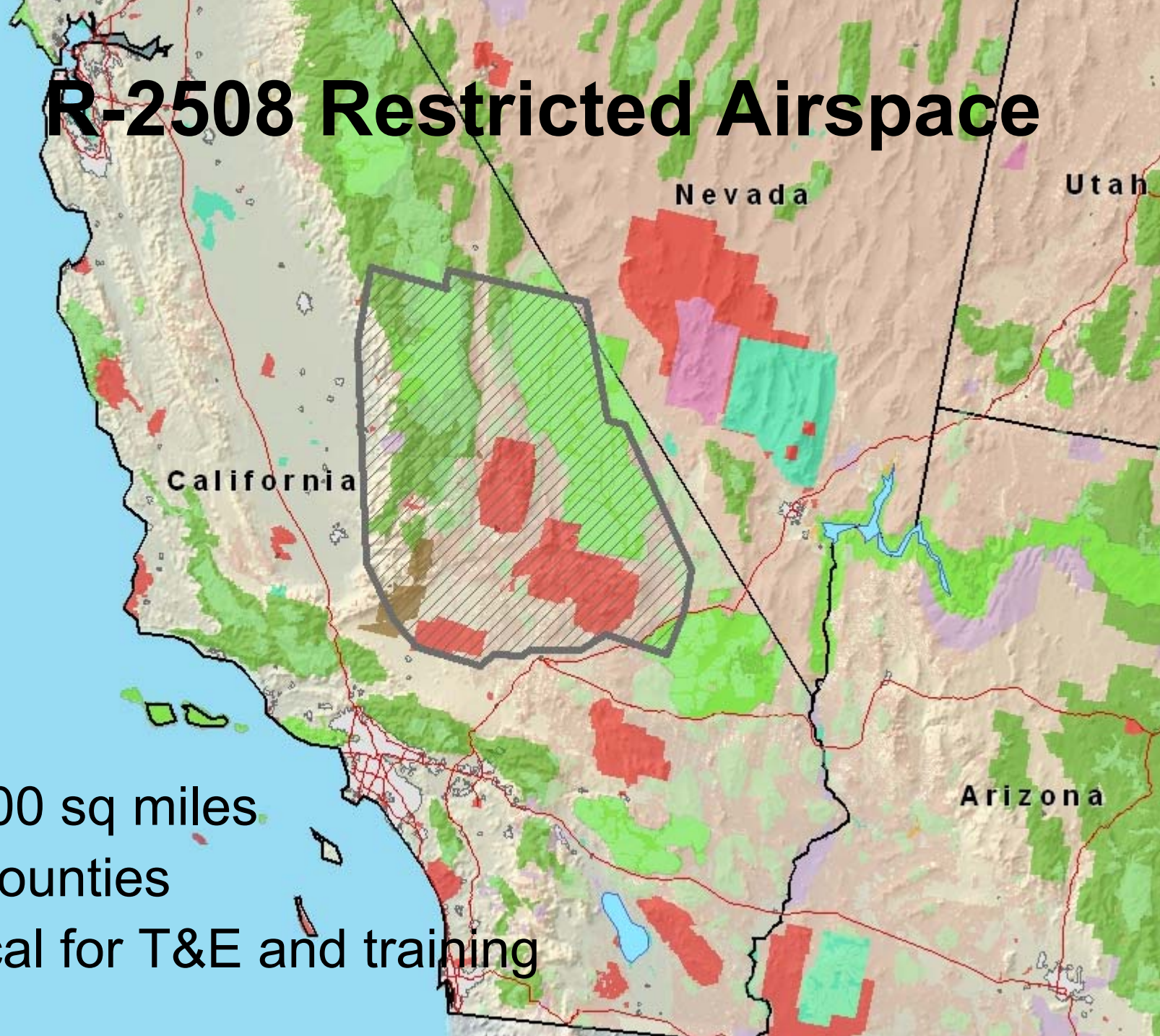


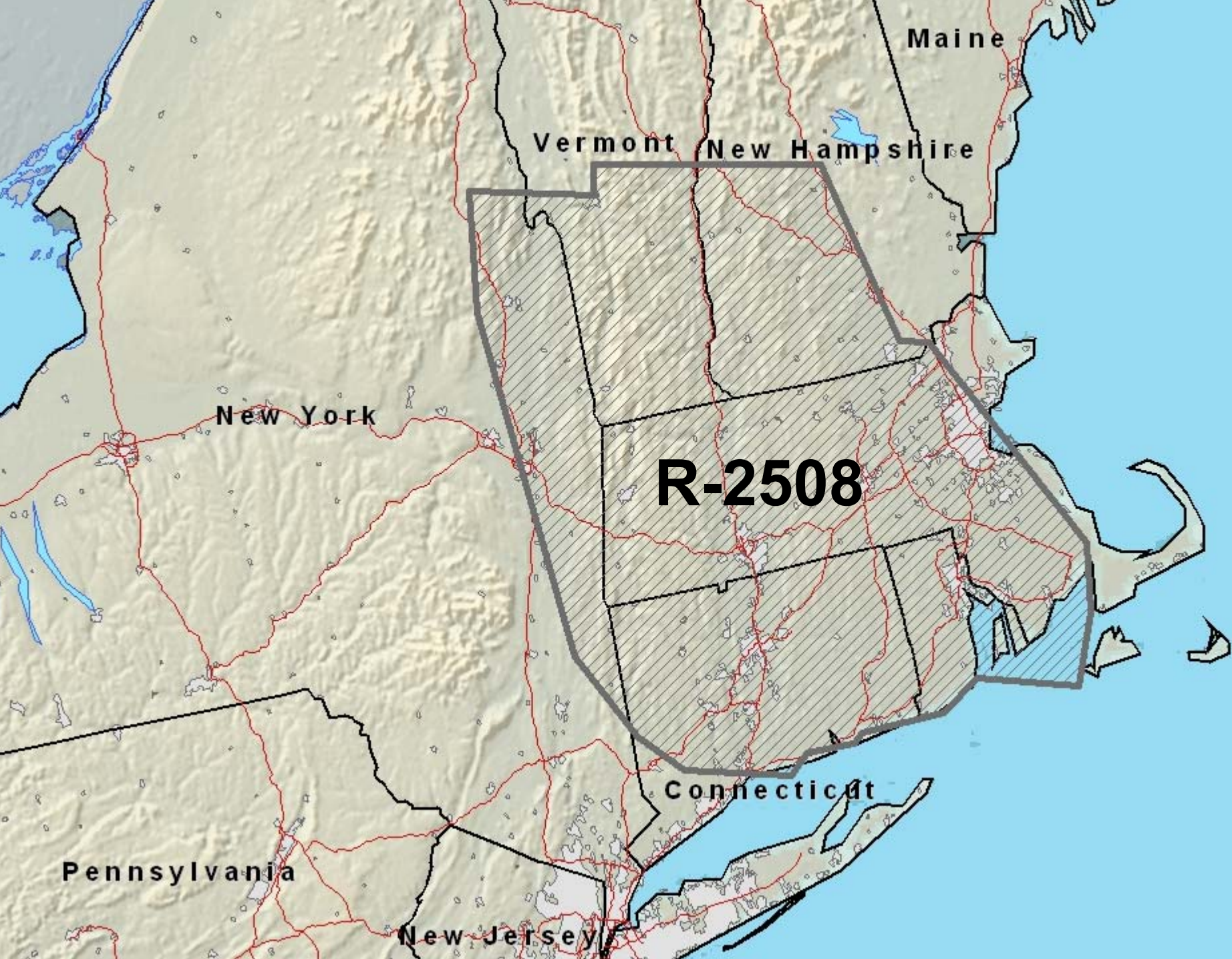
Outline

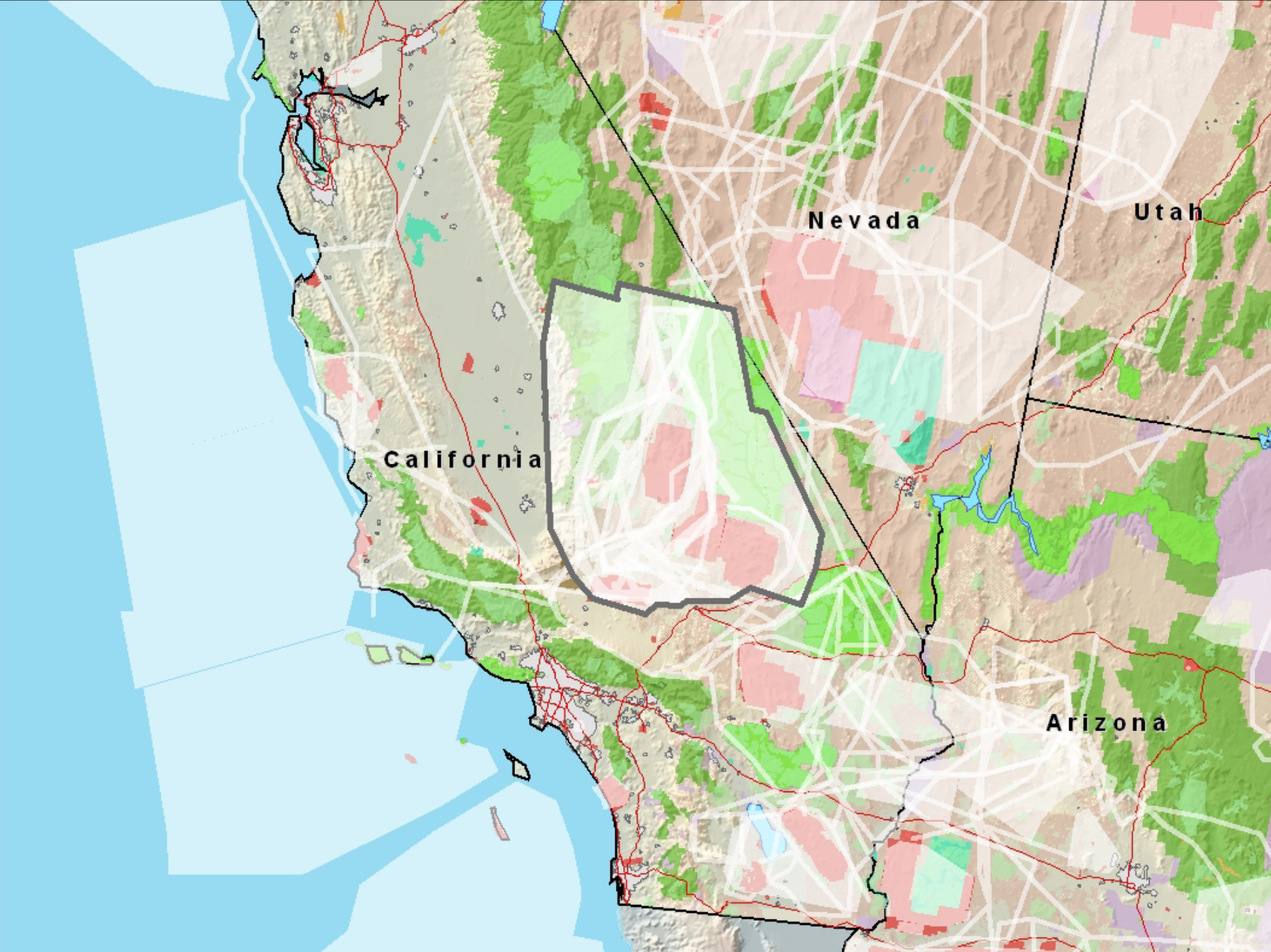
- R-2508 Overview
- Regional Approach
- Wind Generation Energy Facilities
- Joint Land Use Study

R-2508 Restricted Airspace

- 20,000 sq miles
- Six counties
- Critical for T&E and training









R-2508 Management

- Joint Management
 - NAVAIR
 - Air Force Flight Test Center, Edwards AFB
 - National Training Center, Fort Irwin
- Joint Policy & Programming Board
 - Flag level
- Consolidated Control Board
 - Working level



Current Encroachment Issues

- Same as the rest of DoD
 - Frequency Conflicts, Towers, Environmental Pressures, Airspace Conflicts, Noise Complaints, Population Growth & Commercial Development
- VERY Heavy Wind Energy Development
 - Wind Turbines Create two issues – Obstruction & Radar Interference
 - Approximately 10,000 structures in region
 - Latest proposals > 400'
 - Attempting to develop creative solutions to reduce friction between DoD & Wind Industry



This map of Southern California illustrates various land use and protected areas. A large, irregularly shaped region in the central-eastern part of the state is highlighted with a diagonal hatching pattern. Surrounding this hatched area are several smaller, solid-colored regions: red patches are scattered throughout the central and southern parts of the map, while green patches are primarily located in the northern and eastern regions. Some purple and cyan patches are also visible. The map includes state boundaries for California, Nevada, Utah, and Arizona. The Pacific Ocean is shown to the west. Three callout boxes with leader lines point to specific features: one to the hatched area, one to a cluster of small green patches near the coast, and one to the Los Angeles metropolitan area.

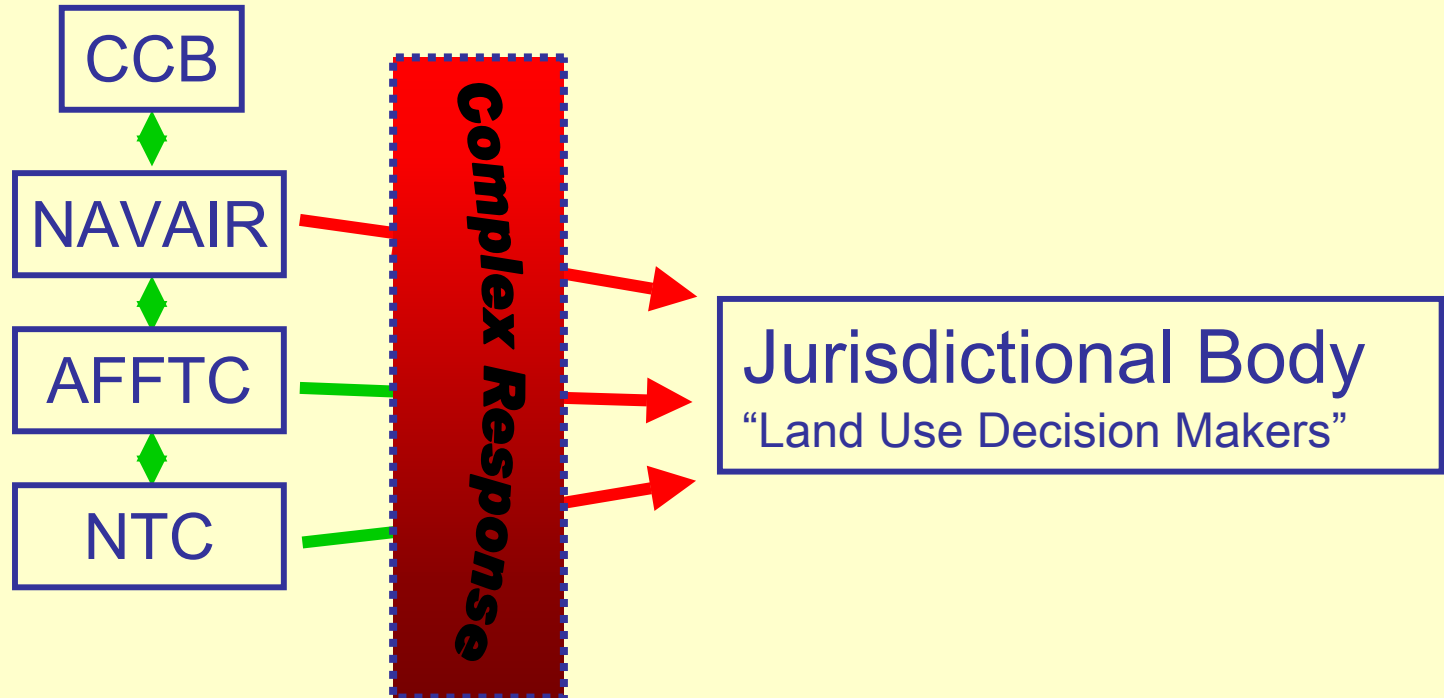
National Parks,
National Forests,
Wilderness

Wind Farms

Los Angeles



Regional vs. Individual Responses





WGEF's & Military Ops

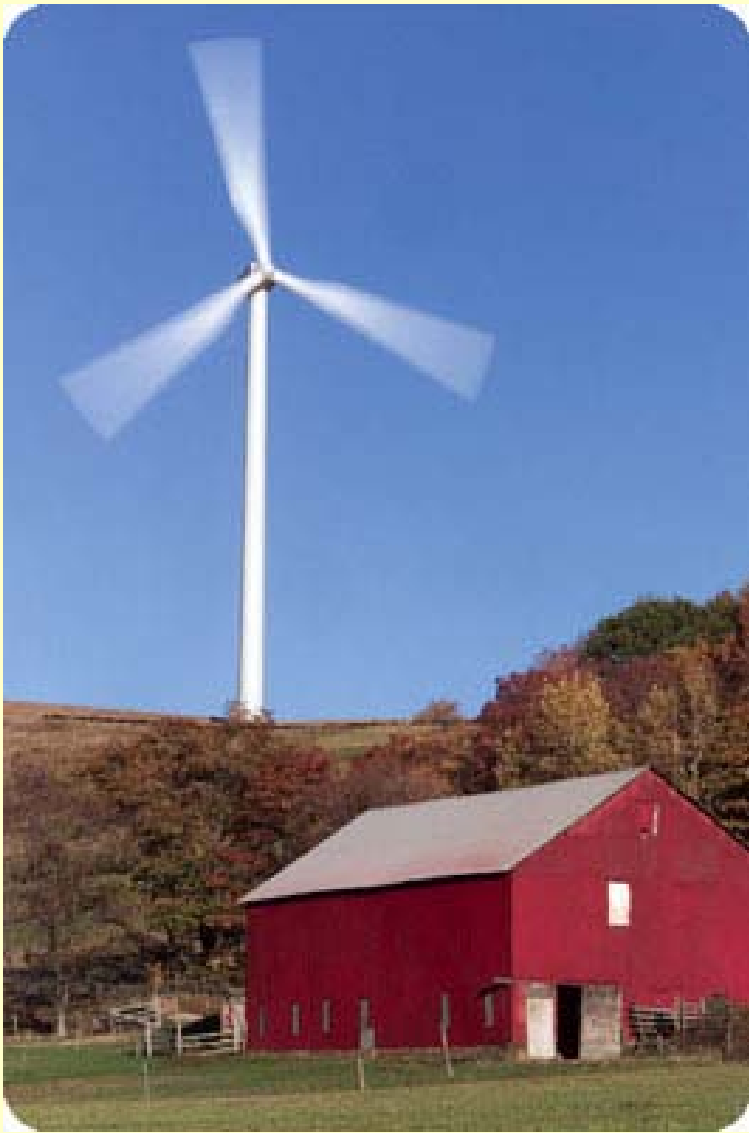
Some things just don't mix!!





Why Should We Worry?

- Wind turbines in the past
 - 80 to 200 feet AGL
- Wind turbines today...

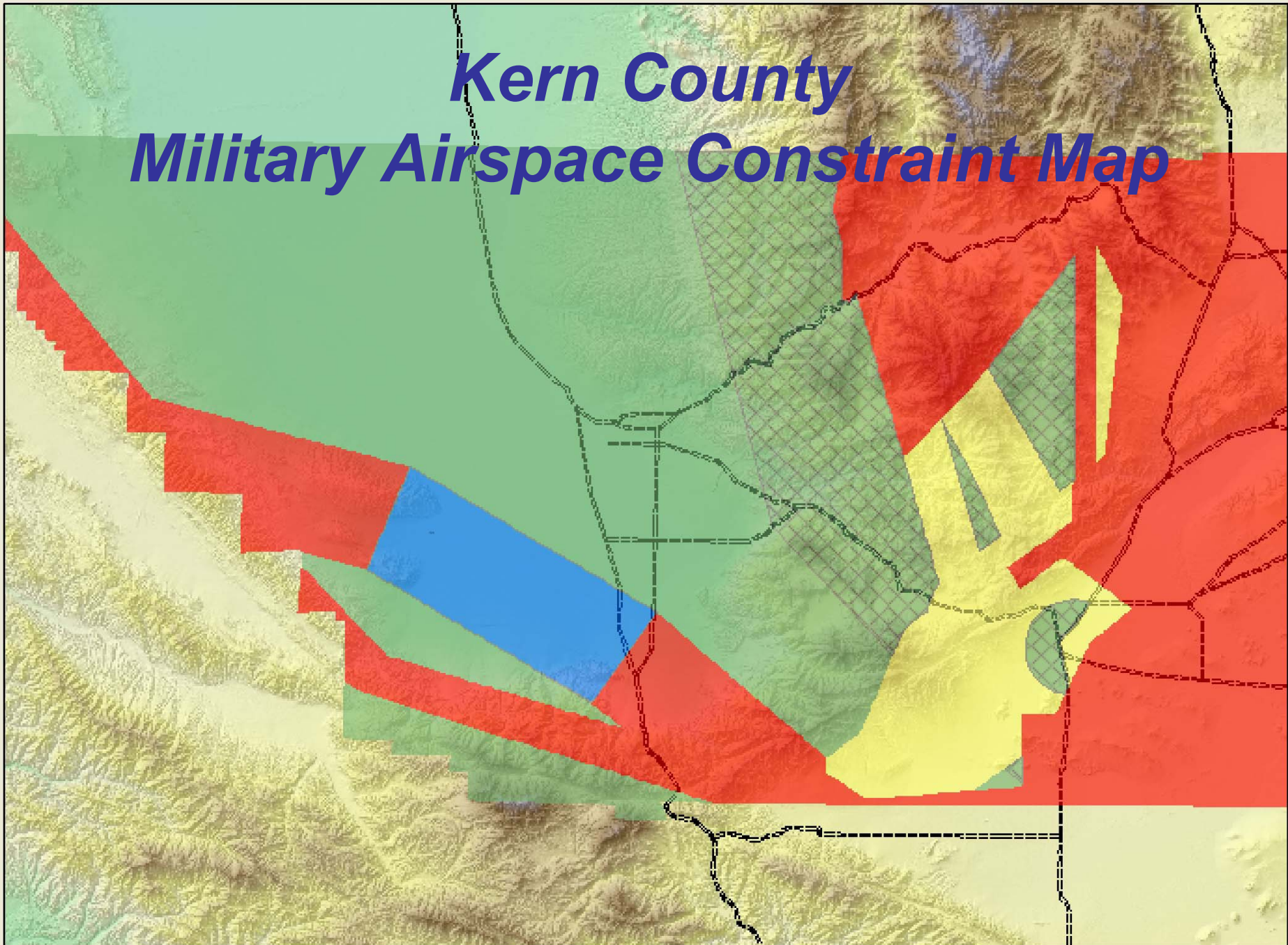




Kern County

- Airport Land Use Compatibility Plan
- Urgency Ordinance
- Red/Yellow/Green strategy
 - Foundation - Existing & proposed development plus op areas
 - Identifies areas where the Wind Industry can develop without coordination
 - Protects critical mission areas
 - County developing zoning Ordinances
 - Process could be used as a model

Kern County Military Airspace Constraint Map





What is in it for Us?

- Protects our CRITICAL Operating Areas
- Reduces Friction Within Region
- Simplifies Issue
- Reduces Workload
- Provides Model for Other Counties and/or Regions



Joint Land Use Study

- Managed by Office of Economic Adjustment (OEA)
- Program addresses encroachment on military installations
- Assist communities in preparing development plans and regulations compatible with military mission
- Typically done for a single installation
- R-2508 study most comprehensive undertaking in JLUS program



Benefits

- Joint, cooperative military and community planning
- Growth conflicts can be anticipated, identified, and managed
- Develop a single DoD position with all affected communities within R-2508
- Enhanced partnership with surrounding communities
- Regional approach to habitat management



Coordination Outside DoD

- State
 - Office of Military Support
 - Office of Planning & Research
- County
 - Kern
 - San Bernardino
 - Mono
 - Inyo
 - Tulare
 - Los Angeles
- City
 - Ridgecrest
 - Palmdale
 - Lancaster
 - California City
 - Bishop
 - Barstow
 - Others...
- Other Federal
 - Bureau of Land Mgmt
 - National Park Service
 - USF&WS
 - NFS



Anticipated Results

- JLUS will help local and federal agencies to understand and incorporate the R-2508 mission requirements into their planning efforts
- JLUS recommendations guide communities in the application of development controls that
 - Manage encroachment
 - Safeguard the military mission
 - Protect public health, safety, & welfare and regional approach to environmental stewardship



Status

- OEA grant approved
- CA Office of Military Support preparing RFP



Questions